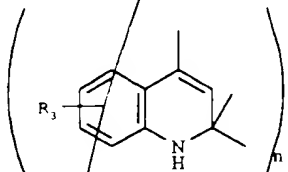


**IN THE CLAIMS**

Please cancel claims 6, 9, 20, and 23 without prejudice to the Applicants' rights

Please enter the following amendments to claims 1, 7, 14, 15, 21, and 28.

- 2  
1  
2  
1. (Amended) A composition comprising lubricating oil and at least a first antioxidant and a second antioxidant, the first antioxidant being a secondary diarylamine of the formula  $R_1-NH-R_2$ , where  $R_1$  and  $R_2$  each independently represent a substituted or unsubstituted aryl group having from 6 to 46 carbon atoms and the second antioxidant being a 2,2,4-trialkyl-1,2-dihydroquinoline or a polymer thereof of the structure



where  $n=1-1000$  and  $R_1$  is hydrogen, alkyl, or alkoxy.

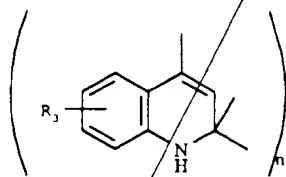
- 3  
1  
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7. (Amended) The composition of claim 1 wherein the first antioxidant is selected from the group consisting of diphenylamine, monoalkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl diphenylamine, mono- and/or di-octyl diphenylamine, mono- and/or di-nonyl diphenylamine, phenyl- $\alpha$ -naphthylamine, phenyl- $\beta$ -

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cont.  
naphthylamine, diheptyldiphenylamine, mono- and/or di-( $\alpha$ -methylstyryl)diphenylamine, mono-  
and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine,  
4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and  
dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-  
phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine,  
[N-isopropyl-N'-*p*-phenylenediamine] N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-  
dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-  
phenylenediamine, and N-cyclohexyl-N'-phenyl-*p*-phenylenediamine

14. (Amended) A composition comprising: a lubricating oil selected from the group consisting  
of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid  
esters, polyoleates, an API Group I base oil, an API Group II base oil, and an API Group IV base  
oil, from about 0.01 to about 10 weight percent of at least one first antioxidant selected from the  
group consisting of diphenylamine, monoalkylated diphenylamine, dialkylated diphenylamine,  
trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-  
hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-  
octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- $\alpha$ -naphthylamine, phenyl- $\beta$ -  
naphthylamine, diheptyldiphenylamine, mono- and/or di-( $\alpha$ -methylstyryl)diphenylamine, mono-  
and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine,  
4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and

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dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-p-phenylenediamine, N,N'-di(naphthyl-2)-p-phenylenediamine, [N-isopropyl-N'-p-phenylenediamine] N-isopropyl-N'-phenyl-p-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-p-phenylenediamine, and N-cyclohexyl-N'-phenyl-p-phenylenediamine, from about 0.01 to about 10 weight percent of a second antioxidant that is 2,2,4-trimethyl-1,2-dihydroquinoline or a polymer thereof, the ratio of the first antioxidant to the second antioxidant being from 1:99 to 99:1, and, optionally, at least one additional additive selected from the group comprising dispersants, detergents, rust inhibitors, antioxidants, metal deactivators, antiwear agents, antifoamants, friction modifiers, seal swell agents, demulsifiers, VI improvers, and pour point depressants.

15. (Amended) A method of increasing the oxidation stability of a lubricating oil comprising adding thereto at least a first antioxidant and a second antioxidant, the first antioxidant being a secondary diarylamine of the formula  $R_1-NH-R_2$ , where  $R_1$  and  $R_2$  each independently represent a substituted or unsubstituted aryl group having from 6 to 46 carbon atoms and the second antioxidant being a 2,2,4-trialkyl-1,2-dihydroquinoline or a polymer thereof of the structure:



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21. (Amended) The method of claim 15 wherein the first antioxidant is selected from the group consisting of diphenylamine, mono-alkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- $\alpha$ -naphthylamine, phenyl- $\beta$ -naphthylamine, diheptyldiphenylamine, mono- and/or di-( $\alpha$ -methylstyryl)diphenylamine, mono- and/or distyryldiphenylamine, 4-(*p*-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-*p*-phenylenediamine, N,N'-di(naphthyl-2)-*p*-phenylenediamine, [N-isopropyl-N'-*p*-phenylenediamine] N-isopropyl-N'-phenyl-*p*-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-*p*-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-*p*-

phenylenediamine, and N-cyclohexyl-N'-phenyl-p-phenylenediamine.

6 28 (amended) A method of increasing the oxidation stability of a lubricating oil selected from the group consisting of polyol esters, diesters, phthalate esters, trimellitate esters, pyromellitate esters, dimer acid esters, polyoleates, an API Group I base oil, an API Group II base oil, and an API Group IV base oil, comprising adding thereto.

6 28 (amended) from about 0.01 to about 10 weight percent of at least one first antioxidant selected from the group consisting of diphenylamine, mono-alkylated diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyldiphenylamine, mono- and/or di-nonyldiphenylamine, phenyl- $\alpha$ -naphthylamine, phenyl- $\beta$ -naphthylamine, diheptyldiphenylamine, mono- and/or di-( $\alpha$ -methylstyryl)diphenylamine, mono- and/or distyryldiphenylamine, 4-(p-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, t-octylated N-phenyl-1-naphthylamine, mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, N,N'-diphenyl-p-phenylenediamine, N,N'-di(naphthyl-2)-p-phenylenediamine, [N-isopropyl-N'-p-phenylenediamine] N-isopropyl-N'-phenyl-p-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, N-(1-methylheptyl)-N'-phenyl-p-phenylenediamine, and N-cyclohexyl-N'-phenyl-p-phenylenediamine,

from about 0.01 to about 10 weight percent of a second antioxidant that is 2,2,4-trimethyl-1,2-